

09/909566
STN Search Summary

=> d his

FILE 'CAPLUS' ENTERED AT 14:17:54 ON 01 JUL 2003

L1 365 S ?EPOXYGENASE?
L2 13 S L1 AND PLANT
L3 600 S VERNOL?
L4 162 S L3 AND EPOX?
L5 37 S L4 AND PLANT
L6 5 S L5 AND P450
L7 3 S L6 NOT L2

L2 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2003:4374 CAPLUS
TI Molecular analysis of a bifunctional fatty acid conjugase/desaturase from Tung. Implications for the evolution of plant fatty acid diversity
AU Dyer, John M.; Chapital, Dorselyn C.; Kuan, Jui-Chang W.; Mullen, Robert T.; Turner, Charlotta; McKeon, Thomas A.; Pepperman, Armand B.
SO Plant Physiology (2002), 130(4), 2027-2038

L2 ANSWER 2 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2002:850365 CAPLUS
TI Sequences of fatty acid epoxxygenase genes from Crepis and Vernonia, and uses in modifying fatty acid metabolism
IN Green, Allan; Singh, Surinder; Lenman, Marit; Stymne, Sten
SO U.S. Pat. Appl. Publ., 47 pp., Cont.-in-part of U. S. Ser. No. 59,769.
PATENT NO. KIND DATE APPLICATION NO. DATE

PI US 2002166144 A1 20021107 US 2001-981124 20011017
US 6329518 B1 20011211 US 1998-59769 19980414
PRAI AU 1997-6223 A 19970415
AU 1997-6226 A 19970415
US 1997-43706P P 19970416
US 1997-50403P P 19970620
US 1998-59769 A2 19980414

L2 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2002:140905 CAPLUS
✓ TI Transgenic production of epoxy fatty acids by expression of a cytochrome P450 enzyme from Euphorbia lagascae seed
AU Cahoon, Edgar B.; Ripp, Kevin G.; Hall, Sarah E.; McGonigle, Brian
SO Plant Physiology (2002), 128(2), 615-624

L2 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS
AN 2001:251035 CAPLUS
✓ TI Transgenic expression of a .DELTA.12-epoxxygenase gene in Arabidopsis seeds inhibits accumulation of linoleic acid
AU Singh, Surinder; Thomaeus, Stefan; Lee, Michael; Stymne, Sten; Green, Allan
SO Planta (2001), 212(5-6), 872-879

L2 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:145994 CAPLUS
 ✓ TI Inhibition of polyunsaturated fatty acid accumulation in plants
 expressing a fatty acid epoxxygenase
 AU Singh, S.; Thomaeus, S.; Lee, M.; Green, A.; Stymne, S.
 SO Biochemical Society Transactions (2000), 28(6), 940-942

L2 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS
 AN 1998:712360 CAPLUS
 TI Genes for fatty acid .DELTA.12-epoxxygenase of fatty acid
 epoxide-containing plants and the development of useful
 producers of fatty acid epoxides
 IN Stymne, Sten; Green, Allan; Singh, Surinder; Lenman, Marit
 SO PCT Int. Appl., 150 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9846762	A1	19981022	WO 1998-AU246	19980409
	AU 9868135	A1	19981111	AU 1998-68135	19980409
	AU 734232	B2	20010607		
	EP 975765	A1	20000202	EP 1998-913438	19980409
	BR 9808676	A	20000711	BR 1998-8676	19980409
	NZ 500542	A	20001124	NZ 1998-500542	19980409
	JP 2001518797	T2	20011016	JP 1998-543302	19980409
	MX 9909476	A	20000630	MX 1999-9476	19991015
PRAI	AU 1997-6223	A	19970415		
	AU 1997-6226	A	19970415		
	US 1997-43706P	P	19970416		
	US 1997-50403P	P	19970620		
	WO 1998-AU246	W	19980409		

L2 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:607510 CAPLUS
 ✓ TI Isolation of cytochrome P-450 genes from Vernonia galamensis
 AU Seither, Graig; Avdiushko, S.; Hildebrand, D.
 SO Physiology, Biochemistry and Molecular Biology of Plant Lipids,
 [Proceedings of the International Symposium on Plant Lipids], 12th.
 Toronto, July 7-12, 1996 (1997), 389-391. Editor(s): Williams, John
 Peter; Khan, Mobashsher Uddin; Lem, Nora Wan. Publisher: Kluwer,
 Dordrecht, Neth.
 DT Conference

L7 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS
 AN 2003:261068 CAPLUS
 ✓ TI Cloning and sequence of Euphorbia lagascae cytochrome P 450 associated
 with the synthesis of .DELTA.12-epoxy fatty acids in
 plants and construction of chimeric gene for production of
 .DELTA.12-epoxy fatty acids
 IN Cahoon, Edgar B.
 SO U.S. Pat. Appl. Publ., 30 pp., Cont. of U.S. Ser. No. 219,833.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003066103	A1	20030403	US 2001-909566	20010720
PRAI	US 2000-219833	A1	20000721		

L7 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS

AN 2002:90087 CAPLUS

TI Identification and sequence of a cytochrome P 450 from Euphorbia lagascae associated with the synthesis of .DELTA.12-epoxy fatty acids of plants and its use for producing .DELTA.12-epoxy fatty acids in a host cell

✓IN Cahoon, Edgar B.

PA E. I. Du Pont de Nemours and Company, USA

SO PCT Int. Appl., 53 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	WO 2002008269	A2	20020131	WO 2001-US22790	20010719
	WO 2002008269	A3	20030227		
	EP 1309698	A2	20030514	EP 2001-955872	20010719
	NO 2003000229	A	20030304	NO 2003-229	20030117
PRAI	US 2000-219833P	P	20000721		
	WO 2001-US22790	W	20010719		

L7 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS

AN 1993:405016 CAPLUS

✓TI Biosynthesis of vernoleate (cis-12-epoxyoctadeca -cis-9-enoate) in microsomal preparations from developing endosperm of Euphorbia lagascae

AU Bafor, Maureen; Smith, Mark A.; Jonsson, Lisbeth; Stobart, Keith; Stymme, Sten

SO Archives of Biochemistry and Biophysics (1993), 303(1), 145-51